9

1945 **File No.** 72 67/36

B CLASS P.W.D **DEPARTMENT**

E **BRANCH** II

Subject:— P. W. R

Survey Establishment

for Irrigation & Road Project.

B K 1746

File No. 72 67/36 E II

Ed. Scott. Bldg. 24 A.

G.R., G.D., No. 2408, dated 22-6-22.]

Correspondence

DOCKET SHEET

Subject :—

File No. 7267/36

PW **DEPT.**

E **BRANCH.** II

References :—

Date.	To whom sent.	Notes and instructions.

Post-War Reconstruction Programme.

Orders in connection with the implementation of the ——

GOVERNMENT OF BOMBAY.
Public Works Department.
Circular Memorandum No.7235/36.
Bombay Castle, 13th February 1945.

GOVERNMENT CIRCULAR MEMORANDUM.

Government desires to impress on all Members of the ~~Th~~ Public Works Department Staff that the Project Circle is a regular part of the Public Works Department and the work of that Circle is important, urgent, and rendered more difficult owing to the adverse conditions prevailing due to the war. As the jurisdiction of that Circle overlaps that of the remaining Circles, it will have constantly to deal with, and depend upon them, for information and help and unless it receives through co-operation from them, its work will be considerably hampered and delayed. Confusion and Chaos are likely to ensue if the Project and the normal staff consider themselves as separate units and there is no co-ordination between them. All officers are therefore requested to issue the necessary instructions to the staff under them to ensure this co-operation and to see that they are strictly followed in practice.

By order of the Governor of Bohay,

K. D. Kotwal,

Under Secretary to the Government of Bombay,
Public Works Department.

G.C.M., No.7235/36, P.W.D., dated the 13th February 1945.

To

All Superintending Engineers of Circles,

The Public Health Engineer to Government,

The Electrical Engineer to Government,

All Executive Engineers of Divisions,

The Architectural Adviser to Government,

The Special Officer (Electric Grid).

SAP/-

Letter. No.G.65/3658.

Public Works Department,

Bombay, 17th April, 1945.

To

The Superintending Engineer,
Project Circle, Poona.

Subject:- Shortage of Surveyors in the Project Circle.

Reference: Government P.W.D. letter No.7267/36-E(II) dated 23rd February 1945 and your letter No.989 dated 13th March 1945.

2. Only one Maistry, Mr. P.K.Bhavsar, who is working in the Presidency Division for the last 3½ years, is willing to come to your Circle as a Surveyor. He has passed the course for "Training Irrigation Maistries" conducted in the College of Engineering, Poona, in the year 1944. He is reported to be intelligent, a willing worker and a since subordinate. He can be spared after 16th April 1945 when he will be free from the work on which he is now employed.

3. The place of his posting may please be communicated to the Executive Engineer, Presidency Division direct.

Sd/-

Superintending Engineer,
Northern Circle.

Copy forwarded, with compliments, to :-

The Secretary to Government, P.W.D., Bombay

The Executive Engineer, Presidency Division.

for information, with reference to the Government letter referred to above.

E.B.(II).

Submitted for information.

Id/-
19/4/45.

Id/-
20/4/45.

SAP/-

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D.O.No. R.E./11189

Department of Labour,

National Service Labour Tribunal,

Fort, Bombay, 17th/18th July 1945.

My dear Pandit,

The Govt. of India are preparing an All-India Technical Training Scheme for tradesmen and one of the questions under consideration is whether it should include training of surveyors. At a meeting of the Standing Advisory Committee on Technical training held at Bombay recently, several members expressed the view that the term 'surveyor' covered widely different occupations and that it was therefore necessary to make, before including the trade in the scheme, enquiries regarding the meaning or meanings attached to the word in this country.

It was also decided to enquire whether the Provincial Governments want the help of the Govt. of India to train surveyors required for their post-war schemes. I shall be most grateful therefore if you will kindly let me know:-

1. in what sense or senses the word is being used in this province or by you?
2. whether any arrangements have been made by the Govt. of Bombay for training surveyors and if so, how many?
3. whether the help of the Govt. of India is required for training surveyors and if so, how many?

As the next meeting of the Advisory Committee is going to be held in the 1st week of August I shall be glad to have your reply by the end of this month or earlier.

Yours Sincerily,

D.R. Pradhan.

G.N.Pandit Esqr.,

Dy. Secretary to P.W.D.

P.W.D., Secretariat,

Bombay.

E.B.

should note on this very urgently.

7267/36/23553

E.B.(II)

There does not appear to be a hard and a fast rule between the meaning of an overseer and a surveyor. The qualifications required for both of them are the same viz. Diploma or degree of the University of Bombay or any other fecognised Engr. Institutes or Universities. Their pay scale is also the same i.e. Rs.70-5-110-E.B.-10-180-E.B.-10-250. Usually a surveyor is employed on surveys and preparation of projects and on some original works. At times, an overseer is also put on ~~xxxxxxxxxxxx~~ similar works, but usually he (overseer) is employed either on some original works or in a charge of a section, where the work is partly of maintenance and partly of construction.

2. With ref. to para 2 of the letter it may be stated that recently a proposal has been made by the S.E., P.C., for the training of surveyors. The S.E. has proposed that suitable matriculates should be engaged as rangers on the work-charged estbt. and given practical training in surveying for 6 months. If they are found to be competent they will be employed as surveyors in the S.S.E. scale. During the training, they are to be paid Rs.50 p.m. Similarly non-matriculates are to be trained for 6 months. After finishing their training they are to be employed as rangers. File No.7480/38 dealing with the above case is at present under submission to Under Secretary Secretary (R & B) and Secy. (I). Govt. has also opened a training class for sub-overseers at the College of Engineering, Poona. The course is of a nine months' duration. During the training the sub-overseers are given a stipend of Rs.40/- p.m. subject to the condition that they are prepared to serve Govt., if necessary, for a period of 5 years on the temp. estbt. After completing the course, the sub-overseers are started on Rs.50 in the grade of Rs. 50-2/1-60-E.B.-3/2-75-E.B.-5/3-90. The first batch has jointed this course in January 1945. It appears that these sub-overseers could also be employed as surveyors. It does not appear necessary that the help of Govt. of India will be required by this Govt. for training of ....

of surveyors.

3. It is for orders what reply should be given to the Deptt. of Labour, National Service Labour Tribunal.

Id/-
19/7/45.

Id/-
19/7/45.

As far as the P.W.D. is concerned the term Surveyor has a definite meaning and his duties are more or less well defined. They include mainly taking measurements of lands and sites and preparing plans therefrom. Levelling & preparing sections are also included in the Surveyor's duties. Estimating is also often included.

To meet the urgent need of the Proj. Circle for Surveyors a course of 9 months' training is started at the College of Engineering Poona, and it is contemplated to start similar courses at Ahmedabad and Belgaum if necessary. The S.E., P.C., has also proposed to train surveyors practically by employing suitable candidates on actual field work for about six months. I have passed on the file dealing with the case of these proposals to Secy (R & B). I have agreed that in view of the great demand for & the urgent need of surveyors in the Proj. Circle the S.E., P.C.'s proposal to train Surveyors practically may be approved as an experimental measure but have pointed out the glaring desparity between the pays and prorpects of the suboverseers being trained at the College of Engineering and these proposed by the S.E., P.C., for these practical surveyors even though the min. qualification required of the candidates for both is the same viz. the matriculation & the suboverseers have to go through an organized course of 9 months while these Surveyors have to undergo only practical training for six months.

*S.S.E. scale of 70 to 250.

Presumably I think that we should be independent of the Govt. of India for meeting our need of Surveyors & should arrange it through the Educl. Deptt. or our own officers.

D.S.

Id/-
20/7/45.

SAP/-

No. 7267/36-E.

Public Works Department,
Secretariat,
Bombay, 31st July 1945.

Your D.O. No. R.E./11189 of 18-7-45.

In the P.W.D. a "Surveyor" is a person whose duties consist of taking measurements, recording levels and collecting other data to enable plans and estimates for roads, irrigation works or buildings to be prepared therefrom. He is expected to be able to use simple surveying instruments such as the dumpy level, optical square, Abneys level, etc. and plot the results of this surveys. He is also required to know elementary estimating.

2. Overseers in the P.W.D. (B.Es. and D.C.Es.) are fully trained in the duties of surveyors but in order to cope up with the increasing demand a short course of 9 months has been started at the College of Engineering, Poona, to train matriculate candidates as Sub-overseers. The sanctioned strength of this class is 80. These candidates will be imparted training in surveying as well as construction methods, the idea being that after the projects have been prepared the same establishment could be used for the construction work. There is a propozal to start similar training classes at Ahmedabad and Belgaum. With these, I believe, the needs of the Bombay P.W.D. will be satisfied. I have also already indicated that we would prefer all round men to pure surveyors.

D. R. Pradhan Esquire, I.C.S.,
Chairman,
National Service,
Labour Tribunal,
Fort, Bombay.

SAP/-